

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041634.D
 Acq On : 23 May 2024 17:18
 Operator : JC/MD
 Sample : P2601-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240522007-05-TRIP-BLANK

Quant Time: May 24 06:45:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

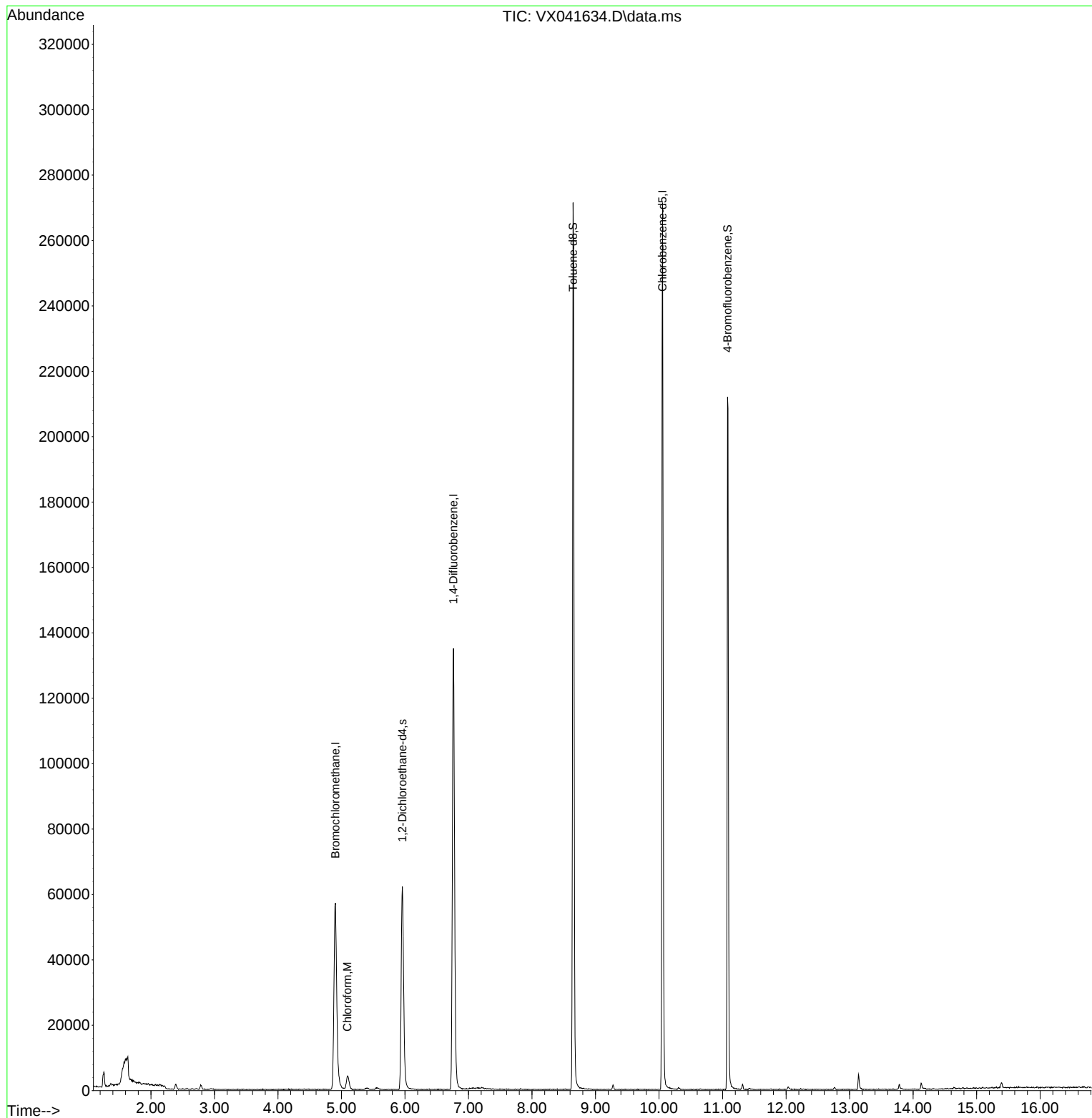
Internal Standards						
1) Bromochloromethane	4.903	128	26443	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	143988	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	124963	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	62394	29.963	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.867%
60) 4-Bromofluorobenzene	11.079	95	54930	28.158	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.867%
63) Toluene-d8	8.646	98	163234	30.473	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.567%
Target Compounds						
25) Chloroform	5.092	83	5211	1.728	ug/l	Qvalue 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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240522007-05-TRIP-BLANK

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041634.D

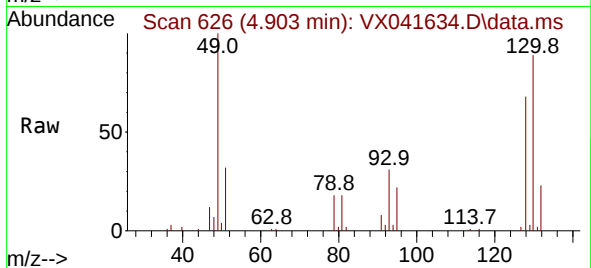
Acq: 23 May 2024 17:18

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MSVOA_X

ClientSampleId :

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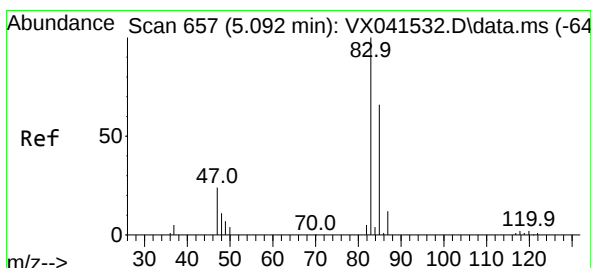
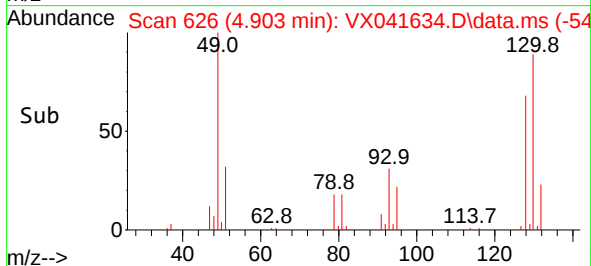
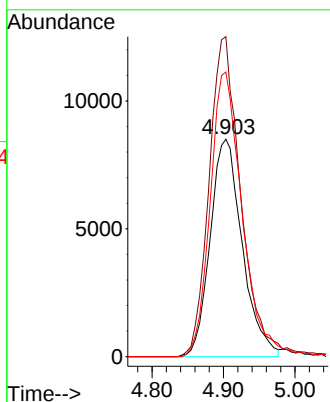
Tgt Ion:128 Resp: 26443

Ion Ratio Lower Upper

128 100

49 144.9 0.0 361.5

130 131.4 0.0 324.3



#25

Chloroform

Concen: 1.728 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX041634.D

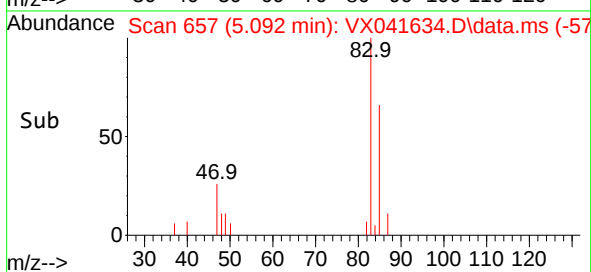
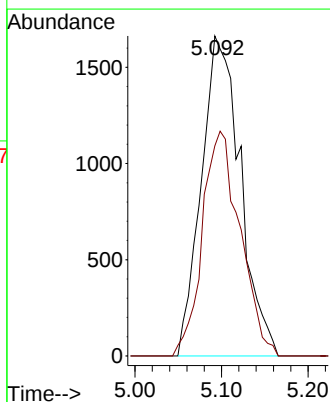
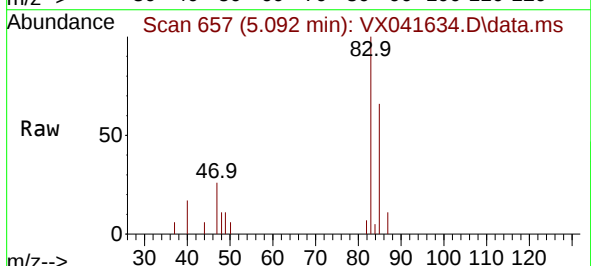
Acq: 23 May 2024 17:18

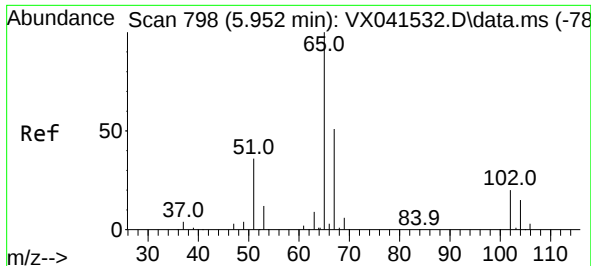
Tgt Ion: 83 Resp: 5211

Ion Ratio Lower Upper

83 100

85 65.7 52.9 79.3





#27

1,2-Dichloroethane-d4

Concen: 29.963 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041634.D

Acq: 23 May 2024 17:18

Instrument :

MSVOA_X

ClientSampleId :

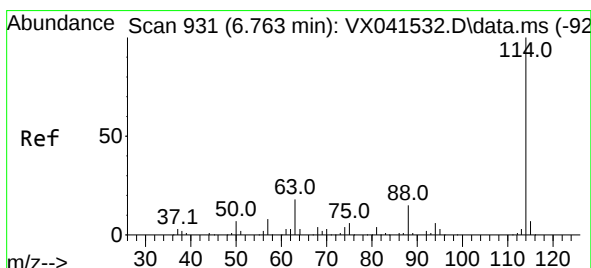
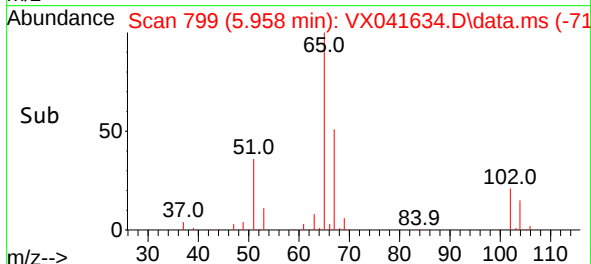
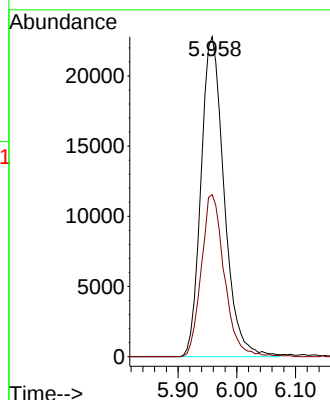
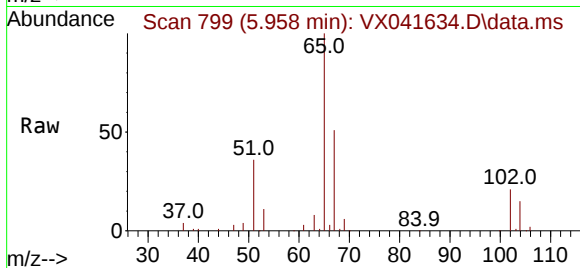
240522007-05-TRIP-BLANK

Tgt Ion: 65 Resp: 62394

Ion Ratio Lower Upper

65 100

67 50.2 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX041634.D

Acq: 23 May 2024 17:18

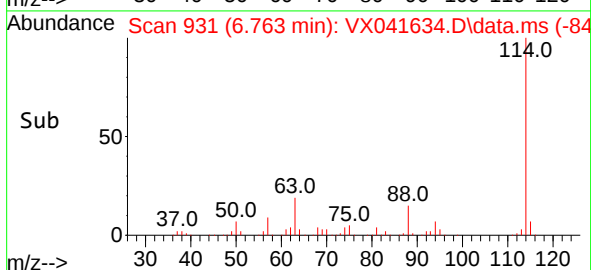
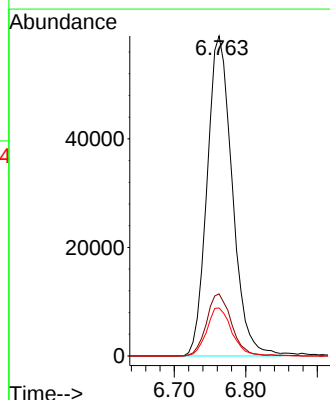
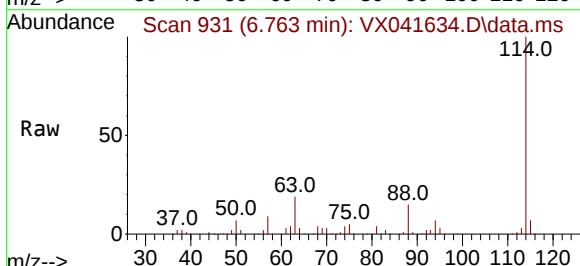
Tgt Ion: 114 Resp: 143988

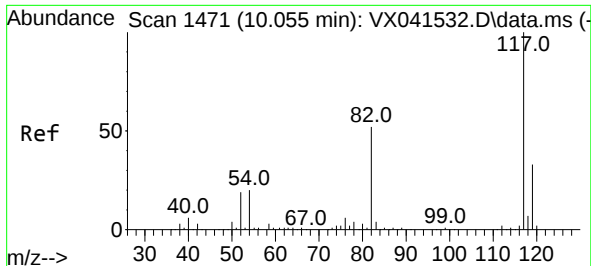
Ion Ratio Lower Upper

114 100

63 19.2 15.4 23.0

88 14.9 12.2 18.2

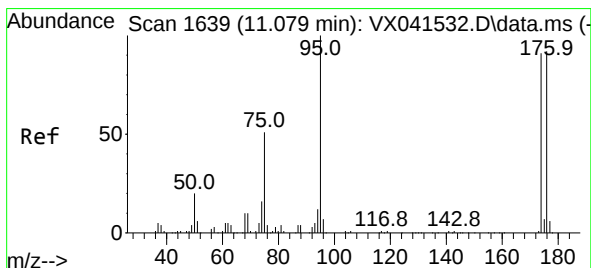
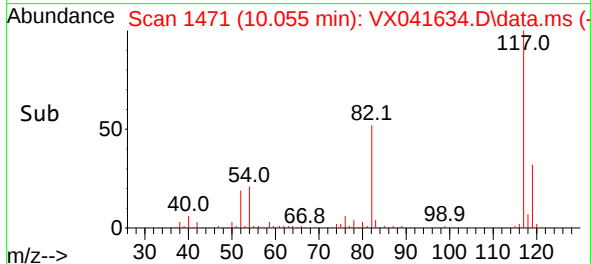
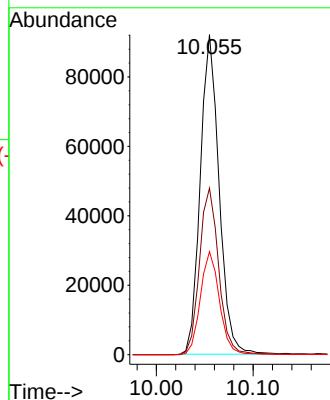
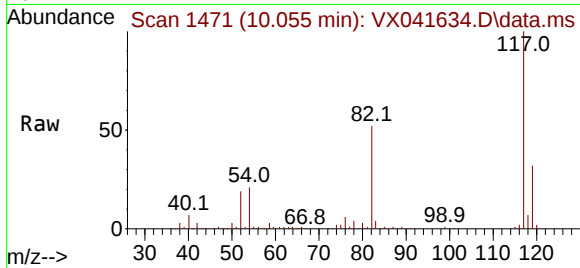




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041634.D
Acq: 23 May 2024 17:18

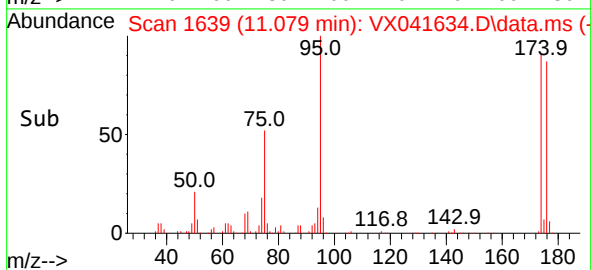
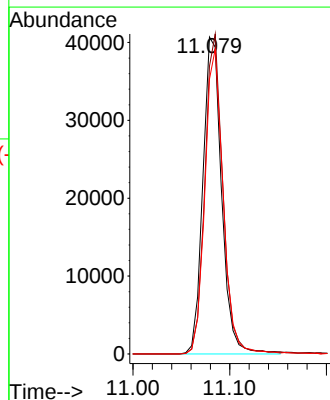
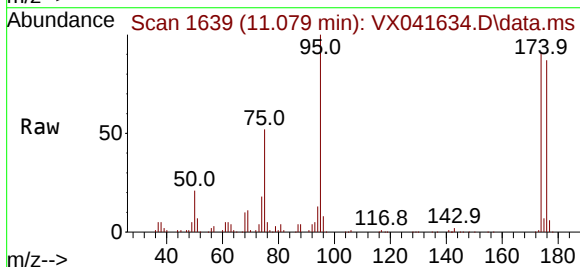
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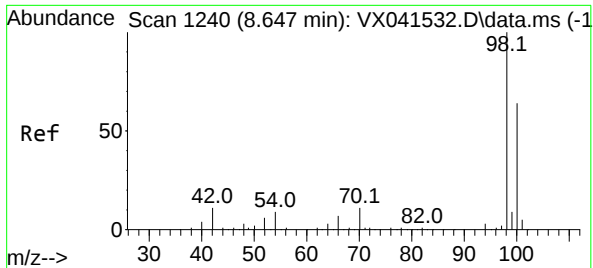
Tgt Ion:117 Resp: 124963
Ion Ratio Lower Upper
117 100
82 53.4 41.7 62.5
119 32.7 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 28.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041634.D
Acq: 23 May 2024 17:18

Tgt Ion: 95 Resp: 54930
Ion Ratio Lower Upper
95 100
174 96.5 76.6 115.0
176 93.9 75.4 113.0





#63
Toluene-d8
Concen: 30.473 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041634.D
Acq: 23 May 2024 17:18

Instrument :
MSVOA_X
ClientSampleId :
240522007-05-TRIP-BLANK

Tgt Ion: 98 Resp: 163234
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

